ABSTRACT OF THE DISCLOSURE

Techniques and devices are provided for injecting transactions within computer systems having a plurality of multi-processor clusters. Each cluster includes a plurality of nodes, including processors, a service processor and an interconnection controller interconnected by point-to-point intra-cluster links. The processors and the interconnection controller in each cluster make transactions via an intra-cluster transaction protocol. Inter-cluster links are formed between interconnection controllers of different clusters. Each of the processors and the interconnection controller in a cluster has a test interface for communicating with the service processor. The service processor is configured to make an injected transaction according to the intra-cluster transaction protocol via one of the test interfaces. In preferred embodiments, the service processor is configured to make an injected transaction according to the intra-cluster transaction protocol via a test interface of an interconnection controller in the same cluster.